



We bring good things to life.

IMPORTANT INFORMATION

NOTICE: This product meets the applicable Industry Canada technical specifications.

The equipment must be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment. Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe systems, if present, are connected together. This precaution may be particularly important in rural areas.

CAUTION: Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

NOTES: This equipment may not be used on coin service provided by the telephone company.

INTERFERENCE INFORMATION

This equipment generates and uses radio frequency energy which may interfere with residential radio and television reception if not properly installed and used in accordance with instructions contained in this manual. Reasonable protection against such interference is ensured, although there is no guarantee this will not occur in a given installation. If interference is suspected and verified by switching this equipment on and off, the user is encouraged to try to correct the interference by one or more of the following measures: Reorient the radio/television receiver's antenna, relocate the equipment with respect to the receiver, plug the equipment and receiver into separate circuit outlets. The user may also wish to consult a qualified radio/television technician for additional suggestions. This equipment has been fully tested and complies with all limits for Class B computing devices pursuant to part 15 FCC Rules and Regulations. This apparatus does not exceed the class B limits for RF noise emissions specified in the RFI regulations of the Industry Canada.

HEARING AID COMPATIBILITY (HAC)

This telephone system meets FCC/Industry Canada standards for Hearing Aid Compatibility.

REN NUMBER IS LOCATED ON THE CABINET BOTTOM



WARNING: TO PREVENT FIRE OR ELECTRICAL SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

THE LIGHTNING FLASH AND ARROW HEAD WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF DANGEROUS VOLTAGE WITHIN THE PRODUCT.

SEE MARKING ON BOTTOM / BACK OF PRODUCT

INTRODUCTION

CAUTION: When using telephone equipment, there are basic safety instructions that should always be followed. Refer to the IMPORTANT SAFETY INSTRUCTIONS provided with this product and save them for future reference.

Your Caller ID phone stores and displays specific information, provided by your local telephone company, to subscribers of Caller ID or similar caller identification services.

Your Caller ID phone enables you to:

- Identify callers before you answer the phone.
- View the time and date of each incoming call.
- Record up to 75 Caller ID messages sequentially.

IMPORTANT: In order to use all of the features of this telephone, you must subscribe to two separate services available from your local telephone company: the standard Name/Number Caller ID Service to know who is calling when the phone rings and Caller ID with Call Waiting Service to know who is calling while you are on the phone.

SHORT GLOSSARY OF TERMINOLOGY USED IN THIS MANUAL

Hook switch. The part of the phone that pops up to activate the phone line when the handset is lifted from the base.

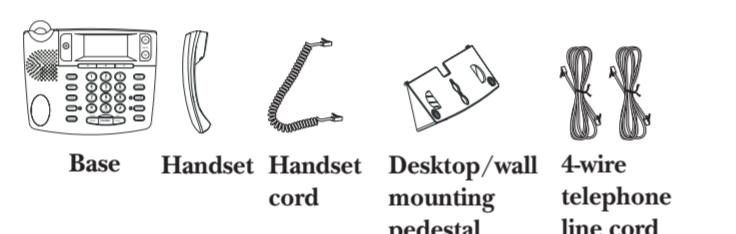
Off-hook. A term used to describe the phone in its active mode when the handset is off of the base cradle or when the SPEAKER button is pressed.

On-hook. A term used to describe the phone in an inactive mode.

BEFORE YOU BEGIN

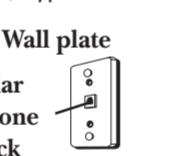
PARTS CHECKLIST

Make sure your package includes the following items:

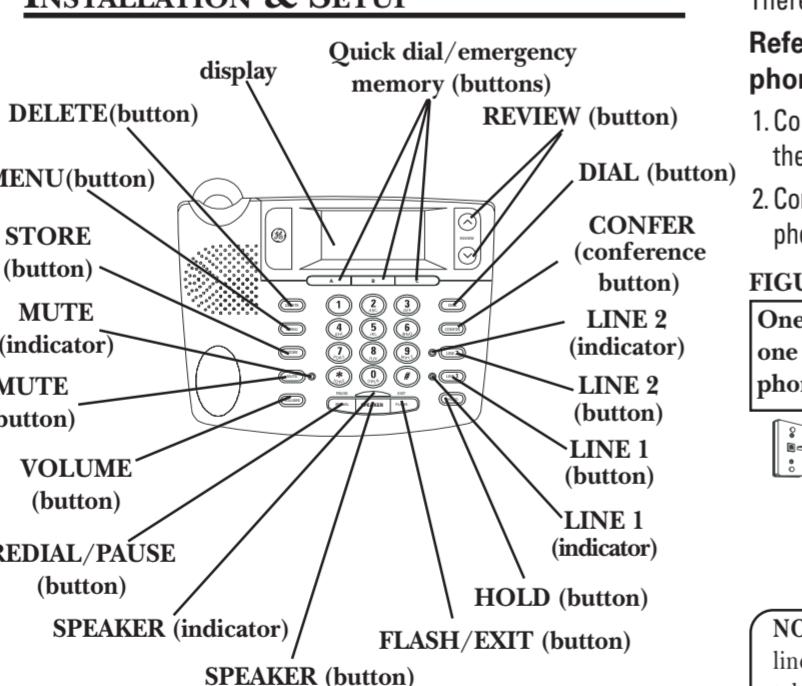


MODULAR JACK REQUIREMENTS

To properly connect your phone to your telephone lines, you should identify the type of wall jack(s) you have. You will need an RJ11C (for a single line) or an RJ14C (for two lines) type modular phone jack, which might look like the one pictured here. If you don't have either modular jack, call your local phone company to find out how to get one installed.



INSTALLATION & SETUP



CAUTION: Disconnect the phone cord from the wall outlet before installing or replacing the batteries.

IMPORTANT INSTALLATION INFORMATION

- Never install telephone wiring during a lightning storm.
- Never touch uninsulated telephone wires or terminals, unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying telephone lines.
- Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
- Temporarily disconnect any equipment connected to the phone, such as faxes, other phones, or modems.

INSTALLING AND REPLACING THE BATTERIES

Your Caller ID phone uses 4 AA-size alkaline batteries for receiving and storing Caller ID records and for storing the numbers you use for memory dialing, pulse dialing, and redial.

IMPORTANT: You will have approximately 90 seconds to replace the batteries before the memories stored are lost. Please read the instructions before replacing the batteries and have the batteries ready to be inserted beforehand.

IMPORTANT: If you are not going to use the telephone for more than 30 days, remove the batteries because they may leak and damage the unit.

1. Press down and out on the snap tab located on the top of the mounting bracket. Lift the bracket off.

2. Release latch on battery compartment and remove cover.

3. Insert 4 AA-size alkaline batteries as shown on the diagram in the battery compartment.

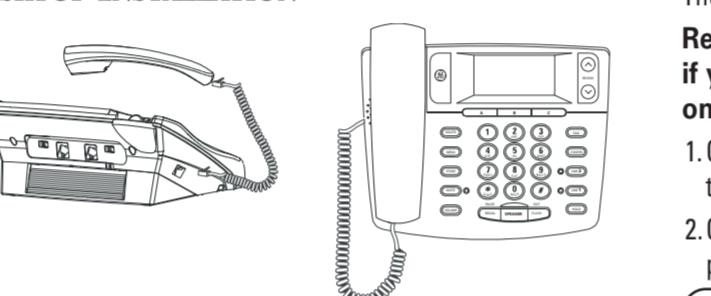
4. Snap the battery compartment door back into place and replace the mounting bracket.

5. If the line cord was previously connected, re-attach it to the unit and check your memory locations.

NOTE: If the low battery icon appears in the display, you need to replace the batteries. It is important that you replace the batteries as soon as possible in order to maintain Caller ID operation.

INSTALLATION

DESKTOP INSTALLATION



A coiled handset cord and two straight telephone line cords are packaged with your unit. Your two-line phone should be placed on a level surface such as a tabletop or desk.

To attach the desktop pedestal:

- Turn the phone over so that the bottom of the base is facing up and the thickest end is facing away from you.
- With the rounded end of the wedge pointing downward, insert the tab on the rounded end of the pedestal into the upper middle slot on the bottom of the base, then push the pedestal down until the two tabs on the left and right corners of the pedestal snap (lock) into the two upper slots on the bottom of the base.

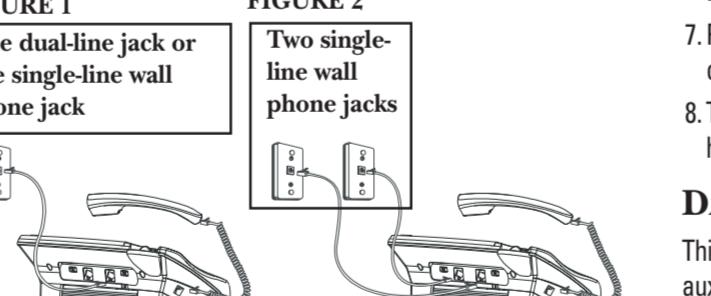
To connect LINES 1 + 2:

There are two possible connections.

Refer to Figure 1 at beginning of Installation section if you have one single line (RJ11C) phone jack or one dual-line (RJ14C) phone jack.

- Connect one end of either straight telephone line cord to the jack marked LINE 1+2 on the back of the base.
- Connect the other end to the single-line or dual-line wall phone jack.

FIGURE 1

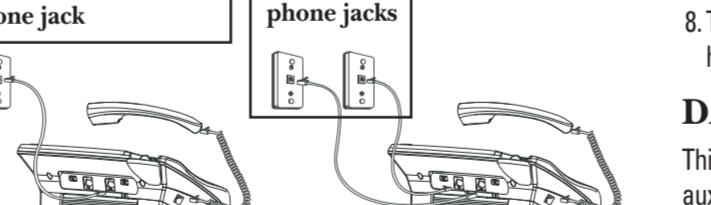


NOTE: If you connect the telephone line cord to the single-line (RJ11C) wall phone jack, you will only be able to use one telephone line (either LINE 1 or LINE 2) but not both lines simultaneously.

Refer to Figure 2 if you have two single-line (RJ11C) phone jacks.

- Connect one end of either straight telephone line cord to the jack marked LINE 1+2 on the back of the base.
- Connect one end of the other straight telephone line cord to the jack marked LINE 2 on the back of the base.
- Connect the other end of each straight telephone line cord to the two single line wall phone jack.

FIGURE 2



NOTE: If you connect the telephone line cord to the single-line (RJ11C) wall phone jack, you will only be able to use one telephone line (either LINE 1 or LINE 2) but not both lines simultaneously.

OFF - Telephone will not ring.

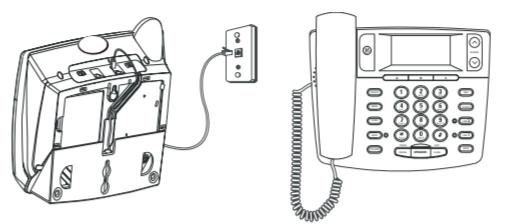
LO - Sound will be lowest.

HI - Sound will be loudest.

6. Press the LINE 1 button if the LINE 1 telephone cord is connected. Otherwise, press LINE 2.

7. The unit is properly installed if you pick up the handset and hear the dial tone. Otherwise, recheck all installation steps.

WALL MOUNT INSTALLATION



Your speakerphone can also be mounted on a wall plate (not included).

To attach the wall mounting pedestal:

- Turn the phone over so that the bottom of the base is facing up and the thickest end is pointing away from you.
- With the rounded end of the pedestal pointing upward, insert the tab on the end of the pedestal into the lower middle slot on the bottom of the base, then push the pedestal down until the two tabs on the left and right corners of the pedestal snap (lock) into the two lower slots on the bottom of the base.

To connect LINES 1 + 2:

There are two possible connections.

Refer to Figure 1 at beginning of Installation section if you have one single line (RJ11C) phone jack or one dual-line (RJ14C) phone jack.

- Connect one end of either straight telephone line cord to the jack marked LINE 1+2 on the back of the base.
- Connect the other end to the single-line or dual-line wall phone jack.

NOTE: If you connect the telephone line cord to the single-line (RJ11C) wall phone jack, you will only be able to use one telephone line (either LINE 1 or LINE 2) but not both lines simultaneously.

Refer to Figure 2 at beginning of Installation section if you have two single-line (RJ11C) phone jacks.

- Connect one end of either straight telephone line cord to the jack marked LINE 1+2 on the back of the base.
- Connect one end of the other straight telephone line cord to the jack marked LINE 2 on the back of the base.
- Connect the other end of each straight telephone line cord to the two single line wall phone jack.

NOTE: If desired, gather the extra telephone line cord together and store inside the wall mounting bracket.

- Slip the mounting holes over the wall plate posts and firmly slide the unit down into place (wall plate not included).
- Plug one end of the coiled handset cord into the handset and the opposite end into the base.

6. Set the RINGER LINE 1 and RINGER LINE 2 volume switches located at the back of the base to the desired loudness.

OFF - Telephone will not ring.

LO - Sound will be lowest.

HI - Sound will be loudest.

- Press the Line 1 button if the Line 1 telephone cord is connected. Otherwise, press the Line 2 button.
- The unit is properly installed if you pick up the handset and hear the dial tone. Otherwise, recheck all installation steps.

DATA PORT

This phone is equipped with a LINE2 jack for you to connect an auxiliary phone device, such as a fax machine, computer modem, answering machine, or even a cordless phone. You can install the phone as described in "Two Lines on a Single Modular Jack", then you can use the LINE2 jack to connect your fax machine and receive faxes on the phone number for line 2.

REVIEWING CALL RECORDS

- Press the REVIEW **A** or **V** button to view the call records.
- Press the REVIEW **A** button to scroll through the call records from the most recent to the oldest.
- Press the REVIEW **V** button to scroll through the call records from the oldest to the newest.
- When all of the records have been viewed, START/END appears in the display.

DELETING CALL RECORDS

- To delete the record shown in the display, press the DELETE button once.
- To delete all records while reviewing, press and hold the DELETE button for about three seconds. **DELETE ALL?** appears in the display. Press DELETE again to complete.

NOTE: You have 20 seconds following an entry before the phone returns to the Summary Screen.

SETTING YOUR LOCAL AREA CODE

The telephone uses the programmed area codes to determine the number format to display when a valid Caller ID signal is received. Numbers that match the local area code are displayed as seven digits and are used for dialing back previous numbers. Entering your local area code will also help you immediately know if the call is local or long distance when viewing the CID records in the display.

NOTE: If you make a mistake and want to start over again, press the DELETE button to delete all of the digits.

- Press the MENU button until LOCAL AREA CODE shows in the display.
- Press the REVIEW **A** button to enter the second and third digit.
- Press the REVIEW **V** button to enter digit.
- Press the MENU button to save.

SETTING THE DISPLAY LANGUAGE

This adjustment changes the Caller ID prompts to be displayed in English, French, or Spanish.

- Press the MENU button until ENG FRA ESP shows in the display.
- Use the REVIEW **A** or **V** button to select ENG, FRA or ESP.
- Press the MENU button to save.

SETTING THE CONTRAST

This adjustment allows you to adjust the contrast of the display.

- Press the MENU button until CONTRAST shows in the display.
- Connect one end of either straight telephone line cord to the jack marked LINE 1+2 on the back of the base.
- Use the REVIEW **A** or **V** button to select level 1,2,3,4, or 5.
- Press the MENU button to save.

SETTING THE DIAL MODE

This adjustment allows you to select tone (touch-tone) or pulse (rotary) dialing.

- Press the MENU button until TONE/PULSE MODE shows in the display.
- Press the REVIEW **A** or **V** button to show the current dialing mode. The default is TONE dialing.
- To change the dialing mode, press the review key. The display alternates between the two modes.
- Press the MENU button to save.

NOTE: Make sure either the 1 or 2 line button is pressed.

IF YOU DID NOT PROGRAM YOUR LOCAL AREA CODE IN THE SET UP MENU

- Use the REVIEW **A** or **V** buttons to display the number you want to dial. You will only see 10-digit numbers (i.e. 234-555-1234).
- See steps 2 through 4 in the previous section to complete the dialback process.

CALLER ID DISPLAY MESSAGES

- Recessed areas such as in a corner, under a cupboard, or next to a cabinet, which can generate an echo effect.

SPEAKERPHONE USE

Note the following guidelines when using the speakerphone:

- The speakerphone works similar to a two-way radio in that you can only listen or talk at one time.
- Stay reasonably close to the phone so that you can be clearly heard by the person to whom you are talking.
- You can adjust the speaker volume by pressing the volume button continuously or pressing the REVIEW \wedge or \vee buttons after pressing the volume button.
- The speakerphone indicator light comes on when the speakerphone is in use.

NOTE: Batteries must be installed for the speakerphone to operate.

TELEPHONE BASICS

You can use the telephone by speaking into and listening through the handset, or by using the Speakerphone feature. For all operations, either line button 1 or 2 must be pressed. Do not press both buttons down at the same time.

LINE STATUS INDICATORS

This two-line phone is designed for use at multiple stations. The indicator light tells you what is happening on each line.

When the indicator light is: on the LCD is:

Off	Off	The line is not in use.
Flashing Red	Off	A call is being received.
Green	On	The line is in use by this phone.
Red	Flashing	A call is on hold.
Off	Off	A parallel phone is using the line.
Off	Flashing	Line not connected.

ANSWERING AND PLACING CALLS

Because this phone has two lines, you must choose a line by pressing the corresponding line button and use the handset or speakerphone to place an outgoing call or to answer an incoming call.

USING THE HANDSET

The only difference between using the handset with this phone and other corded phones is that you must depress a line button after picking up the handset in order to take the line.

USING THE SPEAKERPHONE

To use the speakerphone feature, press a line button and then press the SPEAKER button. For more information refer to Speakerphone Basics.

RECEIVING A PHONE CALL

1. To answer an incoming call, press the line button next to the flashing red indicator.
2. Lift the handset or press SPEAKER to answer the call.
3. Replace the handset in the cradle or press the SPEAKER button to hang up.

MAKING A PHONE CALL

1. Press LINE 1 or LINE 2 button, and lift the handset or press the SPEAKER button. Wait for a dial tone.
2. Dial the telephone number you want to call.
3. Replace the handset in the cradle, or press the SPEAKER button to hang up.

PLACING A CALL WHILE TALKING ON ANOTHER LINE

To place a call without hanging up on the first call:

1. Press the HOLD button to put the first call on hold.
2. Press the available line button to get a dial tone. Press the SPEAKER button if the speakerphone indicator is off and you are using the speakerphone.
3. Dial the number you want to call.

RECEIVING A CALL WHILE TALKING ON ANOTHER LINE

When you receive a call while you are talking on another line, you will hear the phone ring.

1. Press the HOLD button to put the first call on hold.
2. Press the line button next to the flashing red indicator.
3. If the speakerphone indicator is off and you are using the speakerphone, press the SPEAKER button.

NOTE: You must always put the first call on hold before answering a second call or you will hang up on the first call. If you want to disconnect from the first call, don't press the HOLD button (skip step 1) and press the flashing line button.

ADJUSTING THE HANDSET AND SPEAKERPHONE VOLUME

The volume controls for the handset and speakerphone are separate, so you can adjust one without affecting the other. To adjust the handset volume, pick up the handset, press the volume button continuously or press the REVIEW \wedge or \vee buttons after pressing the volume button. REC (handset receiver) or SPK volume level shows in the display. While using the speakerphone, adjust the speakerphone volume by pressing the volume button continuously or pressing REVIEW \wedge or \vee buttons after pressing the volume button. Both handset receiver and speakerphone volume level setting will be saved in the unit's memory.

ADDITIONAL TELEPHONE FEATURES

REDIAL

You may redial the last number you called by pressing the REDIAL/PAUSE button after you hear a dial tone.

NOTE: The redial feature holds the last number (up to 32 digits) that you dialed in memory. If you pressed any other numbers after dialing the phone number (for example, when accessing a voice-menu system) then those numbers are also dialed.

If you get a busy signal, press REDIAL/PAUSE again without hanging up.

HOLD

HOLD allows you to suspend the active line(s) and replace the handset in the cradle without hanging up, then resume the conversation on the same phone or from a different phone connected to the same line.

1. Press the HOLD button to place a call on hold (the line indicator is red).

2. Press the line button and pickup the handset or press the SPEAKER button to resume the conversation.

CONFERENCE CALLS

You can use the conference call feature when you have calls on both lines and want to have a three-way conversation.

To connect and conference:

1. Press the line button for the line you want to use, then call the first party.
2. Press the HOLD button to put the first party on hold.
3. Call the second party, or receive a call, on the other line, then press the CONFER button.
4. Begin speaking to both parties.

To disconnect one of the parties:

Press the line button of the person you want to continue talking to, and the other party will automatically be disconnected.

To disconnect both parties:

Hang up the handset, or press SPEAKER.

NOTE: If you have two lines on hold, and you want to conference with both parties, simply press the CONFER button and pick up the handset or press SPEAKER button.

NOTE: To put both parties on hold, press the HOLD button.

NOTE: To speak to one party individually, press the HOLD button, then press the line of the party to whom you want to speak (the second party remains on hold.) If the speakerphone indicator is off and you are using the speakerphone, press the SPEAKER button to continue the conversation on the speakerphone.

FLASH

Press FLASH/EXIT to activate special features of your telephone network, such as call transfer, or special services from your local telephone company, such as call waiting.

MUTE

Use the MUTE button to interrupt a phone conversation to talk privately with someone else in the room. A conversation can be muted while using the speakerphone or handset.

1. Press the MUTE button. The mute indicator comes on.

2. Press MUTE again to turn it off.

TEMPORARY TONE DIALING

If you have pulse (rotary) service and want to access customer calling services (such as telebanking and long distance services) that require tone dialing, you can use this feature to temporarily change from pulse to tone service.

After dialing the telephone number and connecting to the customer calling service,

1. Press and release the TONE (*) button.
2. When you hang up, the telephone automatically returns to pulse dialing mode.

TIP: Temporary Tone can also be used while storing numbers in memory by pressing TONE (*) at the necessary point in the storage sequence.

MEMORY

You may store information in any of the following memory locations:

1 to 9, A, B, and C keys. See "Storing a Pause in Memory" and "Temporary Tone Dialing."

STORING A NAME AND NUMBER IN MEMORY

1. Press the STORE button. **LOCATION?** shows in the display.
2. Press the desired memory location (1 through 9, A, B, or C).

NOTE: You may select memory locations by pressing REVIEW \wedge or \vee buttons to scroll through the memory locations or press the 1-9, A, B, or C buttons.

3. Press the STORE button again to confirm the memory location.

NOTE: If necessary, to erase existing memories, or if you make a mistake, use the DELETE button.

4. Use the number keys to enter the telephone number (up to 32 digits) and press the STORE button to save. (The unit will not dial a phone number in this mode.) The cursor automatically moves to the text line for name entry.

5. Use the number keys to enter the name of the person associated with the telephone number you just entered.

More than one letter is stored in each of the number keys.

For example, to enter the name BILL SMITH, press the 2 key twice for the letter B. Press the 4 key 3 times for the letter I. Press the 5 key 3 times for the letter L.

NOTE: The flashing cursor automatically moves to the next position or you may press the REVIEW \wedge or \vee buttons to move the cursor to the next position.

Press the 5 key 3 times for the second letter L. Press the REVIEW \vee button two times to insert a space, and press the 7 key 4 times for the letter S. Press the 6 key once for the letter M. Press the 4 key 3 times for the letter I. Press the 8 key for the letter T. Press the 4 key twice for the letter H.

6. Press the STORE button to save the name.

7. To enter another name and number in a different memory location, return to step 1 and repeat the process.

CHANGING A STORED NUMBER

Repeat the storage sequence under Storing A Name and Number in Memory.

ERASING A STORED NUMBER

1. Press the STORE button.

2. Press the memory location (A, B, C, 1 - 9) to be erased.

3. Press the DELETE button.

COPYING CALLER ID MEMORIES TO USER MEMORY

1. Press the REVIEW \wedge or \vee buttons to view the caller number and name you want to copy.

2. Press the STORE button.

3. Press 1-9, A, B, or C for the memory location. The memory location flashes in the display if there is a record occupying that memory location.

NOTE: You may select a different memory location by pressing REVIEW \wedge or \vee buttons to scroll through the memories or press A, B, or C or 1-9.

4. Press the STORE button to enter the edit mode, and then press the STORE button again to edit the name.

5. Press the STORE button to confirm and save, and wait for three seconds to exit.

NOTE: If the name you want to enter is longer than 12 characters, only the first 12 characters will be copied into memory.

COPYING REDIAL NUMBERS TO MEMORY

1. Press the REDIAL/PAUSE button while the phone is on-hook. The display shows "PICKUP PHONE".

2. Press the STORE button.

3. Press 1-9, A, B, or C for the memory location. Press the STORE button twice to confirm the location and the number. The cursor flashes in the display and you may enter the caller's name.

NOTE: Press FLASH/EXIT button to delete the pre-dial number.

4. Press the STORE button twice to confirm and save, and wait for three seconds to exit.

NOTE: If you want to edit the number, press the STORE button within three seconds to enter the edit mode.

DIALING A NUMBER STORED IN MEMORY WHILE ON-HOOK

1. Press a line button.

2. To select a memory, press A, B, or C, or DIAL and 1 - 9.

The number in that memory location displays.

NOTE: You may select a different memory location by pressing REVIEW \wedge or \vee buttons to scroll through the memories or press A, B, or C, or DIAL and 1 - 9.

3. Press the SPEAKER button, or pick up the handset to dial the displayed number.

DIALING A NUMBER STORED IN MEMORY

1. Press a line button, and lift the handset, or press the SPEAKER button.

2. Press A, B, or C, or DIAL and 1 - 9.

IMPORTANT: If you make test calls to emergency numbers, remain on the line and explain the reason for the call. Also, make test calls in off-peak hours, such as early morning or late evening.

CHAIN DIALING

Chain dialing allows you to dial a sequence of stored numbers from separate memory locations.

For example **Memory location**

Local access number A

Long distance company B

Authorization code ID

Long distance phone number Memory 1

1. Select the line you want to use by pressing the corresponding line button.

2. Lift the handset, or press SPEAKER for speakerphone

3. Press memory button A.

4. Press memory button B.

5. Press the DIAL button and the 1 key.

STORING A PAUSE IN MEMORY

The REDIAL/PAUSE button has dual functionality and becomes a pause button when the STORE button is pressed first. It is valid only when storing a number into memory locations. Use the REDIAL/PAUSE button to insert a pause when a delay is needed in an automatic dialing sequence. For example, when you dial a 9 to get an outside line or when you enter codes to access your long distance company.

You may need to adjust the length of the pause duration. It can be adjusted from 1 to 9 seconds in length. The default setting is 4 seconds.